

DNA (*b*)-modified nanoparticles. (C) High-resolution image of one of the lines in B. (D) TMAFM image of dot features after hybridization with DNA (*b*)-modified nanoparticles. (E) High-resolution image of 4 dots of the features in D.

Please delete paragraph [11] on page 43, and replace it with the following paragraph:

[11] DNA (*a*) sequence: 3'-HO-C<sub>3</sub>H<sub>6</sub>-S-S-C<sub>3</sub>H<sub>6</sub>-A<sub>20</sub>-CTC-CCT-AAT-AAC-AAT-5' (SEQ ID NO: 1); DNA (*b'*) sequence: 5'-HO-C<sub>6</sub>H<sub>12</sub>-S-S-C<sub>6</sub>H<sub>12</sub>-O-P(O)(OH)-(O-C<sub>2</sub>H<sub>4</sub>)<sub>6</sub>-OP(O)(OH)-O-AAT-ATT-GAT-AAG-GAT-3' (SEQ ID NO: 4); DNA (*b*) sequence: 3'-TTA-TAA-CTA-TTC-CTA-A<sub>20</sub>-C<sub>6</sub>H<sub>12</sub>SH-5' (SEQ ID NO: 3); DNA (*a'b'*) sequence: 5'-GAG-GGA-TTA-TTG-TTA-AAT-ATT-GAT-AAG-GAT-3' (SEQ ID NO: 2).